

Attorney Docket No. TR-074-US

CLAIMS (Amended on Dec 16, 2004)

6. (currently amended) A method of identifying optical channels in an optical WDM network, comprising the steps of+

~~continuously generating dither tones at a plurality of frequencies; and~~

intensity modulating each of a plurality of optical channels to be identified with a respective alternating selection of at least two ~~of said~~ dither tones in a cyclically repeated sequence and with a predetermined periodicity.

